



City of Santa Clara

Building Division
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2013 CALIFORNIA GREEN BUILDING STANDARD CODE (CGC) RESIDENTIAL CHECKLIST

New residential buildings shall be designed to include the green building mandatory measures specified in this checklist. This checklist shall also be applied to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. The requirements shall apply only to the specific area of the addition or alteration.

BUILDING PERMIT NO.: BLD20

ADDRESS: _____

**MANDATORY
MEASURES
SPECIFIED**
(Please check
boxes below)

Feature or Measure	Yes
SITE DEVELOPMENT	
A plan has been developed and will be implemented to manage storm water drainage during construction per CGC 4.106.2 & 4.106.3	<input type="checkbox"/>
Provide capability for electric vehicle charging in one- and two-family dwellings and in townhouses with attached private garages; and 3% of total parking spaces, as specified, for multifamily dwellings	<input type="checkbox"/>
WATER EFFICIENCY AND CONSERVATION	
Plumbing fixtures (Water closets and urinals) shall comply with the following:	
The effective flush volume of all water closets shall not exceed 1.28 gal/flush (CGC 403.1.1)	<input type="checkbox"/>
The effective flush volume of urinals shall not exceed 0.5 gal/flush (CGC 403.1.2)	<input type="checkbox"/>
Fittings (faucets and showerheads) have all required standards listed on plans and are in accordance to CGC 4.303.1.3 and CGC 403.1.4	<input type="checkbox"/>
Automatic irrigation system controller for landscaping provided by the builder and installed at the time of final inspection shall comply with CGC 4.304	<input type="checkbox"/>
ENHANCED DURABILITY AND REDUCED MAINTENANCE	
Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be rodent proofed by closing such openings with cement mortar, concrete masonry, or similar method acceptable to the enforcing agency per CGC 4.406.1	<input type="checkbox"/>
CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING	
A minimum of 50% of the non-hazardous construction and demolition waste generated at the site shall be diverted to an offsite recycle, diversion, or salvage facility per CGC 4.408	<input type="checkbox"/>
BUILDING MAINTENANCE AND OPERATION	
An operation and maintenance manual will be provided to the building occupant or owner per CGC 4.410.1	<input type="checkbox"/>
ENVIRONMENTAL QUALITY	
Any gas fireplaces shall be a direct-vent sealed-combustible type.	<input type="checkbox"/>
Any wood stove or pellet stove shall comply with US EPA Phase II emission limits per CGC 4.503.1	<input type="checkbox"/>
POLLUTANT CONTROL	
At the time of rough installation, during storage on the construction site and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution components openings shall be covered with tape, plastic, sheet metals, or other methods acceptable to the enforcing agency to reduce the amount of water, dust or debris, which may enter the system per CGC 4.504.1.	<input type="checkbox"/>
Adhesive, sealants and caulks shall meet the VOC or other toxic compound limits per CGC 4.504.2.1.	<input type="checkbox"/>
Paints and coatings shall comply with VOC limits per CGC 4.504.2.2.	<input type="checkbox"/>
Aerosol paints and coatings shall meet the Product-weighted MIR limits for ROC and other requirements per CGC 4.504.2.3.	<input type="checkbox"/>
Documentation will be provided, at the request of the Building Division, to verify compliance with VOC finish materials per CGC 4.504.2.4.	<input type="checkbox"/>
Carpet system installed in the building interior shall meet the testing and product requirement per CGC 4.504.3.	<input type="checkbox"/>
Where resilient flooring is installed, at least 80% of the floor area receiving resilient flooring will comply with the requirements per CGC 4.504.4.	<input type="checkbox"/>

Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior and exterior of the building shall comply with the low formaldehyde emission standards per CGC 4.504.5.	<input type="checkbox"/>
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Feature or Measure	Yes
INTERIOR MOISTURE CONTROL	
A capillary break shall be installed if a slab on grade foundation system is used. The use of a 4" thick base of ½" or larger clean aggregate under a 6 mil vapor retarder with joint lapped not less than 6" will be provided per CGC 4.505.2 and CRC R506.2.3.	<input type="checkbox"/>
Building materials with visible signs of water damage shall not be install. Wall and floor framing shall not be enclosed when the framing members exceed 19% moisture content. Moisture content shall be checked prior to finish material being applied per CGC 4.505.3.	<input type="checkbox"/>
INDOOR AIR QUALITY AND EXHAUST	
Exhaust fans, which are ENERGY STAR compliant and be ducted to terminate outside the building, shall be provided in every bathroom per CGC 4.506.1.	<input type="checkbox"/>
ENVIRONMENTAL COMFORT	
Heating and air-conditioning system shall be sized, designed and have their equipment selected using the following methods: <ol style="list-style-type: none"> 1. Heat Loss/Heat Gain values in accordance with ANSI/ACCA 2 Manual J-2004 or equivalent; 2. Duct systems are sized according to ANSI/ACCA 1, Manual D-2009 or equivalent; 3. Select heating and cooling equipment in accordance with ANSI/ACCA 3, Manual S-2004 or equivalent. 	<input type="checkbox"/>
INSTALLER AND SPECIAL INSPECTOR QUALIFICATION	
HVAC system installers shall be trained and certified in the proper installation of HVAC systems and equipment by a recognize training or certification program per CGC 702.1.	<input type="checkbox"/>
VERIFICATION	
Upon request, verification of compliance with this code may include construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the building department which will show substantial conformance.	<input type="checkbox"/>

Responsible Designer's Declaration Statement	Contractor Declaration Statement
I hereby certify that this project has been designed to meet the requirements of the 2013 California Green Building Standards Code.	I hereby certify, as the builder or installer under the permit listed herein, that this project will be constructed to meet the requirements of the California Green Building Standards Code.
Name:	Name:
Signature:	Signature:
Date:	Date:
Company:	License:
Address:	Address:
City: State: Zip:	City: State: Zip: